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S/N 10/649,012

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

TANIGUCHI

Examiner:

VATHYAM

Serial No.:

10/649,012

Group Art Unit:

1753

Filed:

AUGUST 27, 2003

Docket No.:

10873.812USC1

Title:

HYDROCARBON SENSOR AND METHOD FOR PRODUCING THE

SAME

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Transmark office on May 8,

2007.

Name: NICOLE LANDREE

AMENDMENT

Mail Stop: RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Applicants respond to the Office Action of February 12, 2007 as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin at page 4.